

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number (Emperor's year): 06283638 A

(43) Date of publication of application: 07 . 10 . 94

(51) Int. Cl. H01L 23/48
H01L 25/07
H01L 25/18

(21) Application number: 05066739

(22) Date of filing: 25 . 03 . 93

(71) Applicant: SANYO ELECTRIC CO LTD

(72) Inventor: OTA SUSUMU
OKAWA KATSUMI
SAKAMOTO NORIAKI

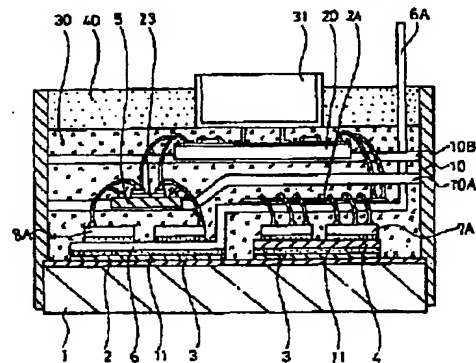
(54) HYBRID INTEGRATED CIRCUIT

(57) Abstract:

PURPOSE: To suppress the occurrence of current losses at an external lead terminal fixing section and, at the same time, to reduce the size of a power hybrid integrated circuit.

CONSTITUTION: Parts of first and third copper plates 4 and 6 are firmly fixed onto a substrate 1 and, at the same time, part of the copper plate 6 and the surface of the copper plate 4 and a second copper plate 4 and the surface of the copper plate 6 are respectively arranged in crossing states in separated states on an area where a switching element is firmly fixed. Then the control electrodes of a source-side switching element 7A and a sink-side switching element 8A are respectively connected to a first and second control patterns through wires and, at the same time, a control substrate 20 on which a drive circuit for driving the switching element is connected to the first and second control patterns through wires.

COPYRIGHT: (C)1994,JPO



BEST AVAILABLE COPY